

Amendments to the claims:

This listing of claims will replace all prior versions, and listing in the application:

Listing of claims

Claim 1 (currently amended) An ergonomic hand held flat panel display device, the device comprising:

a housing,

a touch responsive flat panel display screen disposed on one major face of said housing, a primary handgrip and a secondary handgrip on said display housing wherein said primary hand grip and said secondary handgrip are disposed on opposing sides of said housing, both of said handgrips wrapping around said housing from the front to the back of said housing, both of said handgrips further angled inward towards the back of the display device,

a printed circuit board inside said housing in electrical contact with and enabling said flat panel display to display computer output,

a connector for receiving power and output signal from a computer said output signal to be displayed on said flat panel display,

wherein mass inside said housing is distributed towards the primary handgrip.

Claim 2 (original) The display device of claim 1 comprising at least two tactile ridges disposed on each of said handgrips.

Claim 3 (currently amended) The display device of claim 1 wherein said primary handgrip grip is physically larger in surface area than said secondary handgrip grip.

Claim 4 (original) The display device of claim 1 wherein said primary handgrip and said secondary handgrip are contoured to fit a user's hand and have only rounded edges to maximize comfort against a user's hand.

Claim 5 (cancelled)

Claim 6 (original) The display device of claim 1 wherein said primary and secondary handgrips are composed of rubber or other suitable shock absorbing friction enhancing material.

Claim 7 (original) The display device of claim 1 wherein both of said handgrips are curved inward toward the back of said display device an angle greater than 0 degrees but less than 45 degrees.

Claim 8 (currently amended) A hand held, flat panel display device comprising:
a display housing, said display housing containing a touch screen display with an underlying flat panel display disposed on a major front face of said housing,
said housing further containing a printed circuit board in electrical contact with and for outputting video signals to said flat panel display and for performing computer operations, including at least a microprocessor, volatile and non-volatile storage, and video graphics hardware to provide signal and control to said flat panel display,
a primary handgrip and a secondary handgrip on said display housing wherein said primary hand grip and said secondary handgrip are disposed on opposing ends of said

housing, both of said handgrips wrapping around said housing from the front to the back of said housing, both of said handgrips further angled inward towards the back of the display device, and further wherein said primary hand grip surrounds a removable battery, which can be selectively engaged or disengaged from said housing, wherein mass inside said housing is distributed towards the primary handgrip.

Claim 9 (currently amended) The hand held display device of claim 8 wherein said primary handgrip grip is physically larger in surface area than said secondary handgrip grip.

Claim 10 (original) The hand held display device of claim 8 wherein said primary handgrip and said secondary handgrip are contoured to fit a user's hand and have only rounded edges to maximize comfort against a user's hand.

Claim 11 (original) The display device of claim 8, wherein said device is operable for right handed or left handed use such that a user may always hold the device using at least the primary hand grip.

Claim 12 (original) The display device of claim 8 wherein said primary and secondary handgrips are composed of other suitable shock absorbing friction enhancing material.

Claim 13 (currently amended) The display device of claim 8 + wherein both of said handgrips are curved inward toward the back of said display device an angle greater than

0 degrees but less than 45 degrees.

Claim 14 (currently amended) An ergonomic hand held flat panel display device, the device comprising:

a housing,

a touch screen disposed on one major face of said housing,

a flat panel display behind said touch screen and responsive to said touch screen,

a primary handgrip and a secondary handgrip on said display housing wherein said primary hand grip and said secondary handgrip are disposed on opposing sides of said housing, both of said handgrips wrapping around said housing from the front to the back of said housing, said handgrips further angled inward towards the back of the display device,

a printed circuit board inside said housing enabling electrically connected to and said flat panel display and enabling said flat panel display to display computer output and selectively to perform independent computer functions, said circuit board comprising at least a microprocessor, volatile and non-volatile storage, and video graphics hardware for sending output to and controlling said flat panel display,

a connector for receiving power and output signal from a computer said output signal to be displayed on said flat panel display,

wherein mass inside said housing is distributed towards the primary handgrip.

Claim 15 (original) The display device of claim 14, wherein said display device is operable in a first passive mode of operation and a second active mode of operation,

wherein during said first mode of operation the display device performs as a display for another computer and in a second mode of operation the display device performs as an independent computer utilizing its own computer hardware for processing power.

Claim 16 (currently amended) The display device of claim 14 wherein said primary handgrip grip is physically larger in surface area than said secondary handgrip grip.

Claim 17 (original) The display device of claim 14 comprising at least two tactile ridges disposed on each of said handgrips.

Claim 18 (original) The display device of claim 14 wherein said primary handgrip and said secondary handgrip are contoured to fit a user's hand and have only rounded edges to maximize comfort against a user's hand.

Claim 19 (original) The display device of claim 14 wherein said primary handgrip surrounds a battery which powers said display device, wherein said battery may be selectively engaged or disengaged by a user.

Claim 20 (original) The display device of claim 14 wherein said primary and secondary handgrips are composed of rubber or other suitable shock absorbing friction enhancing material.

Claim 21 (original) The display device of claim 14 wherein both of said handgrips are

curved inward toward the back of said display device an angle greater than 0 degrees but less than 45 degrees.

Claim 22 (currently amended) An ergonomic hand held flat panel display device, the device comprising:

a housing,

a touch screen disposed on one major face of said housing,

a flat panel display behind said touch screen and responsive to said touch screen,

a primary handgrip and a secondary handgrip on said display housing wherein said primary hand grip and said secondary handgrip are disposed on opposing ends of said housing, both of said handgrips wrapping around said housing from the front to the back of said housing, said handgrips further angled inward towards the back of the display device,

a printed circuit board inside said housing in electrical contact with and enabling said flat panel display to display computer output,

wherein mass inside said housing is distributed towards the primary handgrip.

Claim 23 (original) The device of claim 22 wherein said handgrips are angled towards the back of the display device at an angle greater than 0 degrees but less than 45 degrees.

Claim 24 (original) The device of claim 22 wherein at least two tactile ridges are disposed on each of said handgrips.

Claim 25 (original) The device of claim 22 further comprising a wireless receiver inside said housing and in electrical communication with said circuit board for communicating and selectively receiving information from another computer wirelessly.

Claim 26 (currently amended) A hand held flat panel computer display unit comprising in combination:

a display housing comprising at a front and back side;
a touch screen disposed on one major face of said housing;
a primary and a secondary handgrip on opposing terminal sides of said housing, both of said handgrips wrapping in a rounded configuration around said terminal sides of said housing, each of said hand grips being electrical insulating and substantially non-skid,
a printed circuit board inside said housing adapted to be in contact with said touch screen to enable said flat panel display to display computer output,
wherein mass inside said housing is distributed towards the primary handgrip.

Claim 27 (cancelled)

Claim 28 (original) The flat panel display of claim 26 wherein said handgrips are angled inward toward the back side of said housing at an angle greater than 0 and less than 45 degrees.

Claim 29 (original) The flat panel display of claim 26 wherein said primary handgrip is physically larger in surface area than said secondary grip.

Claim 30 (original) The flat panel display of claim 26 wherein both of said handgrips are composed of rubber or other suitable shock absorbing friction enhancing material.

Claim 31 (original) The flat panel display of claim 26 wherein at least one of said terminal sides has an electrical cable connected thereto.

Claim 32 (original) The flat panel display of claim 26 having at one of said terminal sides a removable power supply which is also part of a handgrip.

Claim 33 (original) The flat panel display of claim 26 having a connector adapted to be connected to a computer.

Claim 34 (currently amended) An ergonomic flat panel computer display device, the device comprising:
a housing,
a touch responsive flat panel display screen disposed on one major face of said housing,
a pair of hand grips on opposing ends of said housing, said hand grips wrapping around from the display screen face of said housing to the opposing face of said housing and said hand grips further angled inward toward said opposing face, wherein mass inside said housing is distributed towards the primary handgrip.

Claim 35 (original) The display device of claim 34 wherein said display device is

adapted as an external display for a computer.

Claim 36 (original) The display device of claim 34 wherein said display device is adapted to function as an independent computer.

Claim 37 (original) The display device of claim 34 wherein internal components in of said device is distributed nearer to one of said hand grips than the other handgrip.

Claim 38 (original) The display device of claim 34 wherein said handgrips are angled inward toward the back side of said housing at an angle greater than 0 and less than 45 degrees.

Claim 39 (original) The display device of claim 34 wherein said handgrips are composed of a shock absorbing, non-skid, electrically insulating material.

Claim 40 (original) The flat panel display of claim 34 having at one side a removable power supply which is also part of a handgrip.

Claim 41 (new) The display device of claim 14, wherein said display device is operable in a first mode of operation and a second mode of operation, wherein during said first mode of operation the display device is enabled to display video signals from another computer and in a second mode of operation the display device performs as an independent computer including a personal digital assistant and thin client

computer utilizing its own computer hardware for processing power.

Status of Claims

Claims 1-4, 6-26, and 28-40 are pending in the instant application having amended claims 1, 3, 8-9, 13-14, 16, 22, 26, and 34 to better define the invention. Claim 41 is new and claims 5 and 27 have been cancelled without prejudice.

Claim Objections

Claim 13 stands objected to under 37 CRF 1.75(c), as being of improper dependent form for failing to further limit the subject matter of a previous claim. Claim 13 has been amended to depend from claim 8.

Rejections under 35 USC §112

Claims 3, 9, and 16 stand rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Specifically, the examiner states that there is insufficient antecedent basis for the limitations “primary grip” and “secondary grip” in claims 3, 9, and 16. Claims 3, 9, and 16 have been amended to recite “primary handgrip” and “secondary handgrip.”

Rejections under 35 USC §102 and §103

Claims 1-14 and 16-40 stand rejected under 35 U.S.C. 102(b) as being anticipated by Friend et al. (hereinafter “Friend”) (U.S. 6,052,279). Claim 15 stands rejected under 35 U.S.C. 103(a) as being unpatentable over Friend as applied to the claims above, and further in view of Bertram (U.S. 5,801,941).